

# ThinkPad T440 Platform Specifications

Product Specifications Reference (PSREF)

Positioning	Mainstream Ultrabook™ or Thinbook; one spindle								Keyboard	6-row, spill-resistant, multimedia Fn keys, optional LED backlight	
Processor	4th Generation Intel® Core™ i3 / i5 / i7 Processor								UltraNav™	TrackPoint® pointing device and Mylar surface touchpad, integrated five buttons, multi-touch	
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Speed	Processor Graphics	ThinkLight™	None	
	i3-4010U	2	4	1.7 GHz	-	3MB	DDR3L-1600	Intel HD graphics 4400	WLAN <sup>4</sup>	One of the following, configurable by model:	
	i3-4030U			1.9 GHz	-	3MB			• ThinkPad 11b/g/n, 2x2, Wi-Fi + Bluetooth combo adapter, M.2 card		
	i5-4200U			1.6 GHz	2.6 GHz	3MB			• Intel Wireless-N 7260, 2x2, Wi-Fi + BT combo adapter, M.2 card		
	i5-4210U			1.7 GHz	2.7 GHz	3MB			• Intel Dual Band Wireless-N 7260, 2x2, Wi-Fi + BT combo adapter, M.2 card		
	i5-4300U			1.9 GHz	2.9 GHz	3MB			• Intel Dual Band Wireless-AC 7260, 2x2, Wi-Fi + BT combo adapter, M.2 card		
	i7-4500U			1.8 GHz	3 GHz	4MB					
	i7-4600U			2.1 GHz	3.3 GHz	4MB			WWAN (optional)	One of the following, configurable by model (mutually exclusive with M.2 SSD):	
Memory	8GB or 12GB* max <sup>7</sup> / PC3-12800 1600MHz DDR3L, non-parity, dual-channel capable*, 4GB memory soldered to systemboard on selected models, one 204-pin SO-DIMM socket (*for the models with 4GB on-board memory)									• Wireless WAN upgradable	
Optical Storage	None Some: SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high, removable, upgradable Some: HDD / SATA 6.0Gb/s, 2.5" wide, 7mm or 9.5mm high, removable, upgradable, Shock Mounted Hard Drive, Active Protection System™ Some: SSHD with 8GB NAND flash memory								SIM card (optional)	One of the following, configurable by model:	
M.2 SSD	Some: Single-sided M.2 SSD, via M.2 card slot, exclusive with Smart card reader Some: Double-sided M.2 SSD, via M.2 card slot, exclusive with WWAN card									• AT&T® or Verizon® LTE (4G), contract required with service provider (US models)	
Widescreen display	Some: 14.0" (355mm) HD (1366x768), anti-glare, LED backlight, 200 nits, 16:9 aspect ratio, 350:1 contrast ratio Some: 14.0" (355mm) HD+ (1600x900), anti-glare, LED backlight, 250 nits, 16:9 aspect ratio, 400:1 contrast ratio								Bluetooth™ Ethernet	Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter	
Multi-touch	Some: Capacitive-type multi-touch, supports 10-finger gesture								NFC	Non-vPro model: Intel Ethernet Connection I218-V (Clarkville)	
Camera	HD720p resolution, wide view angle, low light sensitive, face tracking, fixed focus								Security chip vPro (optional)	Intel vPro Technology	
Graphics	Intel HD Graphics 4400 in processor only, or Intel HD Graphics 4400 in processor and NVIDIA GeForce® GT 720M, PCI Express® x8, 1GB memory, NVIDIA® Optimus™ technology; supports external analog monitor via VGA and digital monitor via Mini DisplayPort; supports three independent displays; Max external resolution: 1920x1200@60Hz (VGA); 3840x2160@30Hz (DisplayPort via Mini DisplayPort cable on integrated models); 2560x1600@60Hz (DisplayPort via Mini DisplayPort cable on optimus models)								Fingerprint reader	Optional: Fingerprint reader on the keyboard bezel, swipe sensor	
									Limited warranty <sup>12</sup>	One of the following, configurable by model:	
										• 1-year depot repair service	
										• 3-year/1-yr battery depot repair service	
										• 3-year/1-yr battery limited onsite service <sup>24</sup>	
										• 3-year/1-yr battery limited onsite service, OID (Onsite International Delivery)	
Dimensions <sup>3</sup>	14.0W" (WxDxH): 13.35" x 9.15" x 0.83"; 339mm x 232.5mm x 21mm 14.0W" MultiTouch (WxDxH): 13.35" x 9.15" x 0.91"; 339mm x 232.5mm x 23mm								Preload	Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 / 8.1 Pro 64-bit	Some: Windows 8 / 8.1 64-bit
Weight <sup>2</sup>	Models	3-cell + 3-cell			3-cell + 6-cell					Some: Windows 8 / 8.1 Pro 64-bit	
	Integrated Non-MultiTouch	3.79 lb / 1.72kg			4.10 lb / 1.86kg					• Lenovo Solution Center	
	Integrated MultiTouch	4.03 lb / 1.83kg			4.33 lb / 1.97kg					• Lenovo Support	
	Optimus Non-MultiTouch	3.73 lb / 1.69kg			4.04 lb / 1.83kg					• Lenovo Companion	
	Optimus MultiTouch	3.97 lb / 1.80kg			4.33 lb / 1.97kg					• ThinkVantage System Update	
Case material	Glass-Fiber Reinforced Plastic										• Lenovo Reach (Windows 8.1 model)
Internal battery	Optional: Integrated Li-Ion or Li-Polymer 3-cell (23.5Wh), HW Authentication										• Hightail - Metro (Windows 8.1 model)
External battery	Li-Ion 3-cell (23.5Wh) or 6-cell (47.5Wh or 72Wh), HW Authentication										• Lenovo Cloud Storage by SugarSync
Max battery life <sup>10</sup>	Models	3-cell + 3-cell			3-cell + 6-cell 47.5Wh			3-cell + 6-cell 72Wh			
	Integrated	8.6 hr			12.9 hr			17.2 hr			
	Optimus	7.7 hr			11.6 hr			15.4 hr			
AC adapter	Integrated models: 45-watt AC adapter; Optimus models: 65-watt AC adapter										• Metro (Windows 8 model)
Chipset	Intel SoC (System on Chip) platform										• Lenovo Cloud Storage by SugarSync (Windows 8 model)
Smart card reader	Optional: Smart card reader, exclusive with M.2 SSD										• PC Device Stage
Media reader	4-in-1 reader (MMC, SD, SDHC, SDXC)										• AccuWeather
Ports	Two USB 3.0 (one Always On), VGA, Mini DisplayPort, Ethernet (RJ-45), Dock connector (integrated models only)										• Amazon Kindle
Audio support	HD Audio, Realtek® ALC3232 codec, Dolby® Advanced Audio™ v2 / stereo speakers, 1W x 2 / dual array microphone, combo audio/microphone jack										• Nitro Pro
											• Evernote
											• Skype
											• Rara Streaming
											• Norton Studio
											• Microsoft Office preloaded; purchase a product key to activate
											• Norton Internet Security (30 days of virus definitions)
Mil-Spec test										MIL-STD-810G military certification	
Environment										EPEAT™ Gold (US) or EPEAT Silver (WE); ENERGY STAR® 6.0; GREENGUARD®; RoHS-compliant	